

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (currently amended): A system for transmitting messages from a client messaging application to a third party application, the system comprising:

~~a first~~ [[an]] interface to ~~a plurality of mutually registered client messaging applications, wherein the interface is mutually registered with at least one of a~~ the plurality of client messaging applications; ~~and a first application~~ , the interface for performing the steps of:

~~connecting with the interface;~~

receiving a message from ~~the~~ at least one of the plurality of client messaging applications ~~via the interface; and~~

translating a calling convention of the message to a calling convention of

a base code;

a computer communicatively coupled to the first interface, the computer for performing the steps of:

determining the destination of the message, wherein the destination is a third party application; ~~and~~

selecting the third party application determined to be the destination of the message; ~~and~~

a second interface coupled to the computer, the second interface for performing the steps of:

translating, in response to the selecting, the message in the [[a]] calling convention of the base code message to a calling convention of the third party application determined to be the destination of the message; and

transmitting, in response to the translating, the message to the selected

third party application determined to be the destination of the message without further user intervention.

2 (previously presented): The system of claim 1, wherein the receiving step comprises:
receiving a message from a client messaging application via the interface,
wherein the message includes a request for information.

3 (cancelled)

4 (currently amended): The system of claim 2, further comprising:

at the second interface, first application further performing the steps of:

receiving information from the third party application in a return message;

and

translating a calling convention of the return message to the calling convention of the base code;

at the computer, further performing the step of:

determining the destination of the return message, wherein the destination is a client messaging application; and

at the first interface, further performing the steps of:

selecting the client messaging application determined to be the destination of the message;

translating the calling convention of the message in the base code to the calling convention of the selected client messaging application determined to be the destination of the message; and

transmitting the message to the client messaging application determined to be the destination of the message.

5 (cancelled)

6 (currently amended): The system of claim 1, wherein the first interface comprises:
an API for interfacing with a plurality of mutually registered client messaging

applications and for registering with at least one of the plurality of client messaging applications.

7 (currently amended): The system of claim 4, wherein the second interface first application further comprises:

an API for translating the request for information to the third party application and for translating the return message to the computer client messaging application.

8 (previously presented): The system of claim 1, wherein the client messaging application comprises an instant messaging application for sending and receiving instant messages.

9 (previously presented): The system of claim 8, wherein the instant messaging application comprises any one of:

Lotus Sametime Messaging;
America Online Instant Messenger;
MSN Messenger Service;
Yahoo Messenger;
ICQ;
Jabber Instant Messaging; and
a Telnet utility.

10 (previously presented): The system of claim 1, wherein the third party application comprises a messaging server.

11 (previously presented): The system of claim 10, wherein the messaging server comprises any one of:

an IBM MQSeries server;
a Microsoft Transaction server;
a Lotus Domino server; and
an LDAP utility.

12 (previously presented): The system of claim 4, wherein the third party application retrieves the requested information from any one of:

- a personal finance database;
- a stock market database;
- a personal contact database;
- a web site;
- an FTP site; and
- a gopher site.

13 (currently amended): A system for transmitting messages from a client messaging application to a plurality of third party applications, the system comprising:

a first [[an]] interface connected to [[a]] and mutually registered with a client messaging application, wherein the interface is mutually registered with the client messaging application; and a first application for performing for performing the steps of:

connecting with the interface;

receiving a message from the client messaging application via the interface; and

translating a calling convention of the message to a calling convention of a base code;

a computer communicatively coupled to the first interface, the computer for performing the steps of:

determining the destination of the message, wherein the destination is one of a plurality of third party applications; and

selecting a third party application from the plurality of third party applications determined to be the destination of the message; and

a second interface connected to the computer, the second interface for performing the steps of:

translating, in response to the selecting, the message in the [[a]] calling convention of the base code message to a calling convention of the third party application; and

transmitting, in response to the translating, the message to the third party application determined to be the destination of the message.

14 (currently amended): The system of claim 13, wherein ~~the receiving step comprises:~~
~~receiving a message from the client messaging application via the interface;~~
wherein the message includes a request for information.

15 (cancelled)

16 (currently amended): The system of claim 13, further comprising:
at the second interface, first application further performing the steps of:
receiving information from the third party application in a return message;
and
translating a calling convention of the return message to the calling
convention of the base code;
at the computer, further performing the step of:
determining the destination of the return message, wherein the destination
is the client messaging application; and
at the first interface, further performing the steps of:
selecting the client messaging application determined to be the destination of the
message;
translating the message in the calling convention of the base code to the calling
convention of the selected client messaging application determined to be the
destination of the message; and
transmitting the message to the client messaging application determined to be
the destination of the message.

17 (cancelled)

18 (currently amended): The system of claim 13, wherein the first interface comprises:
an API for interfacing with the client messaging application and for registering

with the plurality of client messaging application.

19 (currently amended): The system of claim 16, wherein the second interface ~~first application further~~ comprises:

an API for translating the request for information to the third party application determined to be the destination of the message and for translating the return message to the computer ~~client messaging application~~.

20 (previously presented): The system of claim 13, wherein the client messaging application comprises an instant messaging application for sending and receiving instant messages.

21 (previously presented): The system of claim 20, wherein the instant messaging application comprises any one of:

Lotus Sametime Messaging;
America Online Instant Messenger;
MSN Messenger Service;
Yahoo Messenger;
ICQ;
Jabber Instant Messaging; and
a Telnet utility.

22 (previously presented): The system of claim 13, wherein each of the plurality of third party applications comprise a messaging server.

23 (previously presented): The system of claim 22, wherein the messaging server comprises any one of:

an IBM MQSeries server;
a Microsoft Transaction server;
a Lotus Domino server; and
an LDAP utility.

24 (previously presented): The system of claim 16, wherein each of the plurality of third party applications retrieve the requested information from any one of:

- a personal finance database;
- a stock market database;
- a personal contact database;
- a web site;
- an FTP site; and
- a gopher site.

25 (currently amended): A system for transmitting messages from a plurality of client messaging applications to a plurality of third party applications, the system comprising:

~~a first [(an)] interface to a plurality of mutually registered client messaging applications, wherein the interface is mutually registered with at least one of a the plurality of client messaging applications; and a first application, the first interface~~ for performing the steps of:

- ~~connecting with the interface;~~
- receiving a message from the at least one of the plurality of client messaging applications ~~via the interface; and~~
- translating a calling convention of the message to a calling convention of a base code;

a computer communicatively coupled to the first interface, the computer for performing the steps of:

- determining the destination of the message, wherein the destination is one of a plurality of third party applications; and
- selecting one of a plurality of third party applications determined to be the destination of the message; and
- a second interface coupled to the computer, the second interface for performing the steps of:

- translating, in response to the selecting, the message in the [(a)] calling convention of the base code message to a calling convention of the third party

application determined to be the destination of the message; and
transmitting, in response to the translating, the message to the selected
third party application determined to be the destination of the message without
user intervention.

26 (currently amended): The system of claim 25, wherein the ~~receiving step comprises:~~
~~receiving a message from one of a plurality of client messaging applications via~~
~~the interface, wherein the message includes a request for information.~~

27 (cancelled)

28 (currently amended): The system of claim 26, further comprising:
at the second interface, first application further performing the steps of:
receiving information from the third party application in a return message;
and
translating a calling convention of the return message to the calling
convention of the base code;
at the computer, further performing the steps of:
determining the destination of the return message, wherein the destination
is one of a plurality of client messaging applications; and
selecting the client messaging application determined to be the
destination of the message; and
at the first interface, further performing the steps of:
translating the message in the calling convention of the base code to the
calling convention of the selected client messaging application determined to be
the destination of the message; and
transmitting the message to the client messaging application determined
to be the destination of the message.

29 (cancelled)

30 (currently amended): The system of claim 25, wherein the first interface comprises:
an API for interfacing with a plurality of mutually registered client messaging applications and for registering with at least one of the plurality of client messaging applications.

31 (currently amended): The system of claim 28, wherein the second interface ~~first application further~~ comprises:

an API for translating the request for information to the third party application determined to be the destination of the message and for translating the return message to the computer ~~client messaging application determined to be the destination of the~~ message.

32 (previously presented): The system of claim 25, wherein each of the plurality of client messaging applications comprise an instant messaging application for sending and receiving instant messages.

33 (previously presented): The system of claim 32, wherein the instant messaging application comprises any one of:

Lotus Sametime Messaging;
America Online Instant Messenger;
MSN Messenger Service;
Yahoo Messenger;
ICQ;
Jabber Instant Messaging; and
a Telnet utility.

34 (previously presented): The system of claim 25, wherein each of the plurality of third party applications comprise a messaging server.

35 (previously presented): The system of claim 34, wherein the messaging server comprises any one of:

an IBM MQSeries server;
a Microsoft Transaction server;
a Lotus Domino server; and
an LDAP utility.

36 (previously presented): The system of claim 28, wherein each of the plurality of third party applications retrieve the requested information from any one of:

a personal finance database;
a stock market database;
a personal contact database;
a web site;
an FTP site; and
a gopher site.

37 (currently amended): A method for transmitting messages from a client messaging application to a third party application, the method comprising the steps of:

~~registering with at least one of a plurality of client messaging applications;~~

receiving a message from one of ~~[[the]]~~ a plurality of client messaging applications;

translating a calling convention of the message to a calling convention of a base code;

determining ~~a~~ the destination of the message, wherein the destination is a third party application;

~~selecting the third party application determined to be the destination of the message;~~

translating, in response to the selecting, the message in the [[a]] calling convention of the base code message to a calling convention of the third party application determined to be the destination of the message; and

transmitting, in response to the translating, the message to the selected third party application determined to be the destination of the message without user intervention.

38 (previously presented): The method of claim 37, wherein the receiving step comprises:

receiving a message from one of a plurality of client messaging applications, wherein the message includes a request for information.

39 (cancelled)

40 (currently amended): The method of claim 37, further comprising:

at the second interface, further performing the steps of:

receiving information from the third party application in a return message; and

translating a calling convention of the return message to the calling convention of the base code;

at the computer, further performing the steps of:

determining the destination of the return message, wherein the destination is one of a plurality of client messaging applications; and

selecting the client messaging application determined to be the destination of the message;

translating the message in the calling convention of the base code to the calling convention of the selected client messaging application determined to be the destination of the message; and

transmitting the message to the client messaging application determined to be the destination of the message.

41 (cancelled)

42 (previously presented): The method of claim 37, wherein the first receiving step comprises:

receiving, via an API, a message from one of a plurality of client messaging applications, wherein the API interfaces with the plurality of mutually registered client messaging applications and registers with at least one of the plurality of client

messaging applications.

43 (previously presented): The method of claim 40, wherein the translation is performed by an API.

44 (previously presented): The method of claim 43, further comprising a step before the second transmitting step of:

translating, by the API, the return message to the client messaging application.

45 (previously presented): The method of claim 37, wherein each of the plurality of client messaging applications comprise an instant messaging application for sending and receiving instant messages.

46 (previously presented): The method of claim 45, wherein the instant messaging application comprises any one of:

Lotus Sametime Messaging;
America Online Instant Messenger;
MSN Messenger Service;
Yahoo Messenger;
ICQ;
Jabber Instant Messaging; and
a Telnet utility.

47 (previously presented): The method of claim 37, wherein the third party application comprises a messaging server.

48 (previously presented): The method of claim 47, wherein the messaging server comprises any one of:

an IBM MQSeries server;
a Microsoft Transaction server;
a Lotus Domino server; and

an LDAP utility.

49 (previously presented): The method of claim 40, wherein the third party application retrieves the requested information from any one of:

- a personal finance database;
- a stock market database;
- a personal contact database;
- a web site;
- an FTP site; and
- a gopher site.

50 (currently amended): A method for transmitting messages from a client messaging application to a third party application, comprising the steps of:

- ~~registering with a client messaging application;~~
- receiving a message from ~~[[the]]~~at least one client messaging application;
- translating a calling convention of the message to a calling convention of a base code;

determining a destination of the message, wherein the destination is one of a plurality of third party applications;

~~selecting the third party application determined to be the destination of the message;~~

translating, in response to the selecting, the message in the [[a]] calling convention of the ~~base code~~ message to a calling convention of the third party application determined to be the destination of the message; and

transmitting, in response to the translating, the message to the ~~selected~~ third party application determined to be the destination of the message without user intervention.

51 (currently amended): A method for transmitting messages from a client messaging application to a third party application, comprising the steps of:

- ~~registering with at least one of a plurality of client messaging applications;~~

receiving a message from one of ~~[[the]]~~a plurality of client messaging applications;

translating a calling convention of the message to a calling convention of a base code;

determining a destination of the message, wherein the destination is one of a plurality of third party applications;

~~selecting the third party application determined to be the destination of the message;~~

translating, in response to the selecting, the message in the [[a]] calling convention of the base code message to a calling convention of the third party application determined to be the destination of the message; and

transmitting, in response to the translating, the message to the selected third party application determined to be the destination of the message without user intervention.

52 (currently amended): A computer readable medium including computer instructions for transmitting messages from a plurality of client messaging applications to a third party application, the computer instructions comprising instructions for:

~~registering with at least one of a plurality of client messaging applications;~~

receiving a message from one of ~~[[the]]~~a plurality of client messaging applications;

translating a calling convention of the message to a calling convention of a base code;

determining a the destination of the message, wherein the destination is a third party application;

~~selecting the third party application determined to be the destination of the message;~~

translating, in response to the selecting, the message in the [[a]] calling convention of the base code message to a calling convention of the third party application determined to be the destination of the message; and

transmitting, in response to the translating, the message to the selected third

party application determined to be the destination of the message without user intervention.

53 (previously presented): The computer readable medium of claim 52, wherein the receiving instruction comprises:

receiving a message from one of the plurality of client messaging applications, wherein the message includes a request for information.

54 (cancelled)

55 (currently amended): The computer readable medium of claim 53, further comprising instructions for:

receiving information from the third party application in a return message;
translating a calling convention of the return message to the calling convention of the base code;

determining a destination of the return message, wherein the destination is one of the plurality of client messaging applications;

selecting the client messaging application determined to be the destination of the message; and

transmitting the message to the client messaging application determined to be the destination of the message.

56 (currently amended): The computer readable medium of claim 55, further comprising the instruction of:

translating the base code [[a]] calling convention of the return message to the calling convention of the client messaging application determined to be the destination of the message.

57 (previously presented): The computer readable medium of claim 52, wherein the first receiving step comprises:

receiving, via an API, a message from one of a plurality of client messaging

applications, wherein the API interfaces with the plurality of mutually registered client messaging applications and registers with at least one of the plurality of client messaging applications.

58 (previously presented): The computer readable medium of claim 55, wherein the translation is performed by an API.

59 (currently amended): The computer readable medium of claim 58, further comprising a step before the second transmitting step of:

translating, by the API, the base code calling convention of the return message to the calling convention of the client messaging application determined to be the destination of the message.

60 (previously presented): The computer readable medium of claim 52, wherein the client messaging application comprises an instant messaging application for sending and receiving instant messages.

61 (previously presented): The computer readable medium of claim 60, wherein the instant messaging application comprises any one of:

Lotus Sametime Messaging;
America Online Instant Messenger;
MSN Messenger Service;
Yahoo Messenger;
ICQ;
Jabber Instant Messaging; and
a Telnet utility.

62 (previously presented): The computer readable medium of claim 52, wherein the third party application comprises a messaging server.

63 (previously presented): The computer readable medium of claim 62, wherein the

messaging server comprises any one of:

- an IBM MQSeries server;
- a Microsoft Transaction server;
- a Lotus Domino server; and
- an LDAP utility.

64 (previously presented): The computer readable medium of claim 55, wherein the third party application retrieves the requested information from any one of:

- a personal finance database;
- a stock market database;
- a personal contact database;
- a web site;
- an FTP site; and
- a gopher site.

65 (currently amended): A computer readable medium including computer instructions for transmitting messages from a client messaging application to a plurality of third party applications, the computer instructions comprising instructions for:

- ~~registering with a client messaging application;~~
- receiving a message from ~~[[the]]a~~ client messaging application;
- translating a calling convention of the message to a calling convention of a base code;
- determining a destination of the message, wherein the destination is one of the plurality of third party applications;
- ~~selecting the third party application determined to be the destination of the message;~~
- translating, in response to the selecting, the message in the [[a]] calling convention of the ~~base code message~~ to a calling convention of the third party application determined to be the destination of the message; and
- transmitting, in response to the translating, the message to the ~~selected~~ third party application determined to be the destination of the message ~~without user~~

intervention.

66 (currently amended): A computer readable medium including computer instructions for transmitting messages from a plurality of client messaging applications to a plurality of third party applications, the computer instructions comprising instructions for:

~~registering with at least one of a plurality of client messaging applications;~~

receiving a message from at least one of ~~[[the]]~~ a plurality of client messaging applications;

translating a calling convention of the message to a calling convention of a base code;

determining a destination of the message, wherein the destination is one of the plurality of third party applications;

~~selecting the third party application determined to be the destination of the message;~~

translating, in response to the selecting, the message in the [[a]] calling convention of the base code message to a calling convention of the third party application determined to be the destination of the message; and

transmitting, in response to the translating, the message to the selected third party application determined to be the destination of the message without user intervention.

67 (currently amended): A method for providing access to a third party application via an instant messaging application, comprising the steps of:

~~registering with at least one of a plurality of instant messaging applications;~~

receiving from ~~[[an]]~~ at least one instant messaging application an instant message including a request for information;

translating a calling convention of the instant message to a calling convention of a base code;

determining a destination of the instant message, wherein the destination is a third party application;

~~selecting the third party application determined to be the destination of the~~

message;

translating, in response to the selecting, the base code calling convention of the request for information in the instant message into a calling convention request for information compatible with the third party application determined to be the destination of the instant message; and

transmitting, in response to the translating, the translated request for information to the third party application, wherein the third party application processes the translated request for information, without user intervention.

68 (cancelled)

69 (previously presented): The method of claim 67, wherein the receiving step comprises:

receiving from an instant messaging application an instant message including a request for information.

70 (previously presented): The method of claim 67, further comprising the steps of:

receiving information from the third party application;

generating an instant message including the received information; and

sending the generated instant message to the instant messaging application.